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9 October 1981

MEMORANDUM FOR

Chairman, SIGINT Committee

VIA:

Director, Office of Assessment and Evaluation *Put*

FROM:

Chairman, ELINT Exploitation Working Group

SUBJECT:

Distribution of Results of Collection Impact Study  
to ELINT Exploitation Centers

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1. As part of its preparation for assessing the impact on ELINT exploitation of the changes in overhead ELINT collection programmed to occur through the 1980s, the ELINT Exploitation Working Group (EEWG) has had a study prepared that describes how the ELINT information that the collectors provide to exploitation centers will change through the decade. A list of the parameters necessary to summarize the findings of this study in the form that the EEWG proposes to provide to the exploitation centers are included in Attachment A.

2. If in the view of the SIGINT Committee these materials are not releasable in existing TALENT-KEYHOLE channels, the EEWG requests that TALENT-KEYHOLE subcompartments be established as appropriate to allow us to disseminate this material to the ELINT exploitation centers that are expected to be most affected by the changes in information. These centers are listed in Attachment B.

3. Major changes in the flow of ELINT information are expected in the early part of the decade and many of the changes that will eventually occur may require additional manpower, retraining, new signal analysis equipment, additional software or upgraded ADP capabilities. The lead times necessary to plan, budget, procure and implement such changes are substantial. Hence, early release of sufficient information about the collectors to characterize the changes in ELINT information that will occur is essential for a well managed adjustment to the collection changes.

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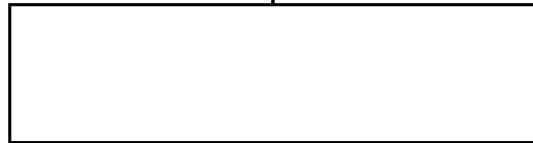
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Exploitation Centers ☐

4. To minimize the sensitivity of the early release of this information, only information about the ELINT capabilities of the collection systems will be included in the materials going to the exploitation centers. If TALENT-KEYHOLE subcompartments are established, it is recommended that these subcompartments be similarly restricted, at least initially. ☐

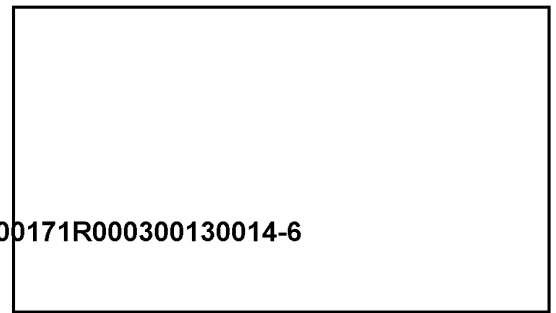
5. Since this issue must be resolved before the data collection phase of the ELINT Exploitation Study can proceed, I urge your early attention to this issue. ☐



Attachments: (2)

- A. Findings of the Collection Impact Study
- B. Listing of Exploitation Centers

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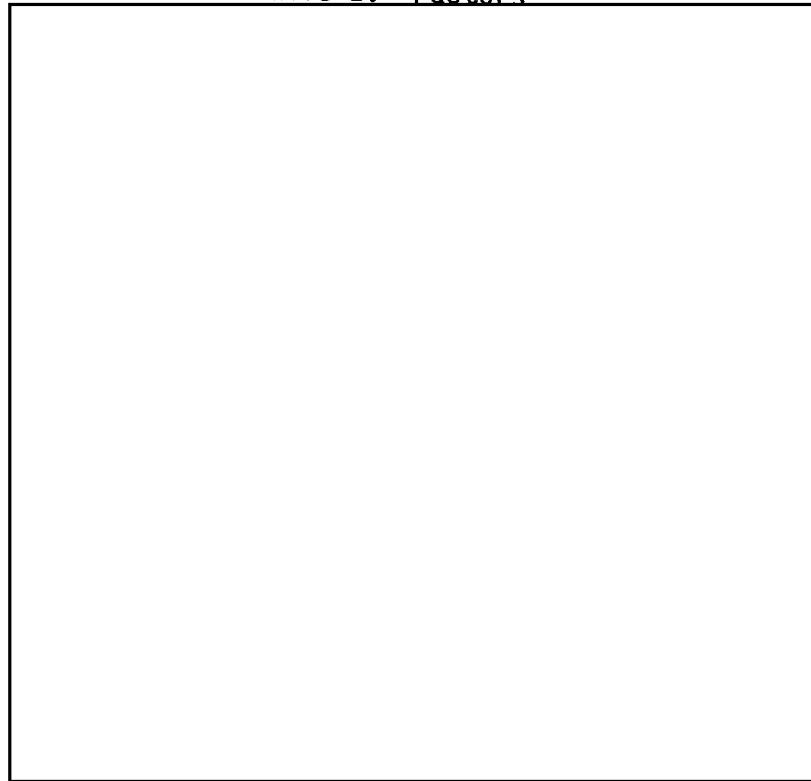
Attachment A

Findings of the Collection Impact Study

The information about changes in overhead ELINT collection will be prepared and distributed to the exploitation centers in the following format shown below. There will be two forms of the results--one for the centers that support operational users and one for the centers that support scientific and technical intelligence analysis--since the information needs of the two types of exploitation centers differ substantially.

The ELINT Exploitation Working Group (EEWG) proposes to inform the centers about changes in the volume, timeliness, accuracy and parametric detail of ELINT information. The specific factors that will be discussed are shown below.

Table 1: Factors



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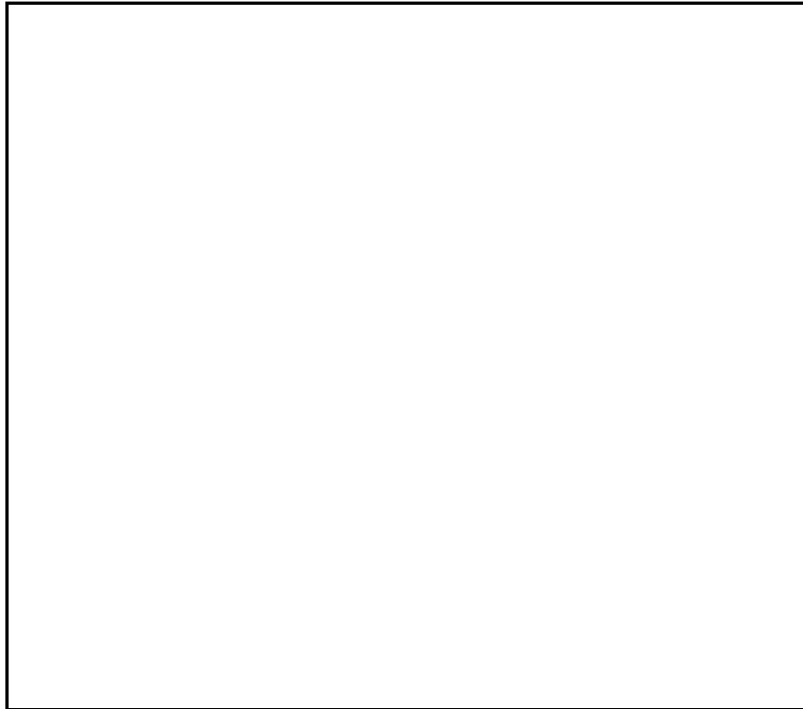
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In addition, the EEWG proposes to describe the impact of the collection changes on the following generic classes of SOI.

Table 2: Generic SOI Characteristics



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No discussion or description of the collectors and their associated processors beyond that listed in the two tables will be necessary. Discussion of COMINT and  will be unnecessary as will any other capability except ELINT.

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